

STEREO MOC Status Report  
Time Period: 2007:274 - 2007:280

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- None.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 6.9 Gbits during this week.
- On day 274, during the track with DSS-24, SECCHI successfully activated Flight Software load version 5.05.
- On day 275, during the track with DSS-26, IMPACT began their SEP 48 hour calibration. At the beginning of the track, IMPACT was unable to command due to the Firewall miss-configuration issue reported last week. In addition, the IMPACT SEP team has observed that the SEP command response is not updating.
- On day 275, SECCHI reset at approximately 22:54Z following the track with DSS-26.
- On day 276, during the track with DSS-25, SECCHI successfully recovered from their reset.
- On day 276, during the track with DSS-25, a High Gain Antenna Calibration was successfully completed.
- On day 277, during the track with DSS-43, PLASTIC completed their Table Load.
- On day 277, during the track with DSS-43, IMPACT completed their 48 hour SEP calibration and continued investigating their SEP command response anomaly. The response is not being seen on their GSE, it is also not reporting itself within APID 0x240 (SEP Cmd Response). Although the command response is not echoing back, commands seem to making it to SEP sensors.
- On day 278, during the track with DSS-15, SECCHI loaded Flight Software version 5.05.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- None.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Behind was 7.2 Gbits during this week.
- On day 274, during the track with DSS-65, SECCHI successfully recovered from their reset on day 273.
- On day 274, during the track with DSS-65, PLASTIC successfully completed the first part of a Table Load.
- On day 275, during the track with DSS-55, PLASTIC successfully completed their Table Load.
- On day 276, during the track with DSS-65, a High Gain Antenna Calibration was successfully completed.
- On day 277, during the track with DSS-55, SECCHI successfully loaded Flight Software version 5.05.